

## IN THE CLAIMS

Please amend the claims to read as follows:

### Listing of Claims

1. (Currently Amended) An OFDM-CDMA transmitting apparatus comprising:

a first spreading section that spreads specific transmit symbols using a first spreading ratio;

a second spreading section that spreads other transmit symbols than the specific transmit symbols using a second spreading ratio smaller than the first spreading ratio;

a number of multiplexing selection sections ~~section~~ that select ~~selects~~ a number of multiplexing for the specific transmit symbols and a number of multiplexing for the other transmit symbols;

a multiplexing section that multiplexes a spread signal of the specific transmit symbols spread by the first spreading section by the selected number of multiplexing and a spread signal of the said other transmit symbols spread by the second spreading section ~~using~~ by the selected number ~~numbers~~ of multiplexing; and

an orthogonal frequency division multiplexing section that adjusts a frequency band to which the multiplexed spread signals

are transmitted, by distributing distributes the multiplexed spread signals to among a plurality of subcarriers and varying a subcarrier group to which the spread signals of the multiplexed specific transmit symbols are distributed in accordance with the first spreading ratio upon distribution.

2. (Currently Amended) The OFDM-CDMA transmitting apparatus according to claim 1, wherein the number of multiplexing selection sections make ~~section makes~~ the number of multiplexing of the specific transmit symbols smaller than the number of multiplexing of the other transmit symbols.

3. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 2, wherein data for which better channel quality is required than for other data is allocated to the specific transmit symbols whose number of multiplexing has been reduced.

4. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 2, wherein the specific symbols whose number of multiplexing has been reduced is placed at a start of a frame.

5. (Currently Amended) The OFDM-CDMA transmitting apparatus according to claim 2, wherein the number of multiplexing selection section reduce ~~section reduces~~ a number of multiplexing of a retransmission symbol in accordance with an increase of a number of retransmissions.

6. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 2, wherein an M-ary modulation number of the specific symbols whose number of multiplexing has been reduced is made smaller than an M-ary modulation number of the other transmit symbols.

7. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 2, wherein the specific symbols whose number of multiplexing has been reduced are inserted periodically.

8. (Currently Amended) An OFDM-CDMA receiving apparatus that receives and demodulates a signal transmitted from the OFDM-CDMA transmitting apparatus according to claim 7, and ~~performs~~ updates a channel estimation result ~~updating~~ using the periodically inserted specific symbols whose number of multiplexing has been reduced.

9. (Currently Amended) The OFDM-CDMA transmitting apparatus according to claim 2, wherein the a number of multiplexing of the specific symbols whose number of multiplexing has been reduced is made "1".

Claims 10-12 (Cancelled).

13. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 1, wherein data for which better channel quality is required than for other data is allocated to the specific transmit symbols.

14. (Currently Amended) The OFDM-CDMA transmitting apparatus according to claim 1, wherein the specific transmit symbols are placed at a start of a frame.

15. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 1, wherein the first spreading section and the second spreading section increase spreading ratios of retransmission symbols in accordance with an increase of a number of retransmissions.

16. (Currently Amended) The OFDM-CDMA transmitting apparatus according to claim 1, wherein an M-ary modulation number of the specific transmit symbols is made smaller than an M-ary modulation number of the other transmit symbols.

17. (Currently Amended) The OFDM-CDMA transmitting apparatus according to claim 1, wherein the specific transmit symbols are inserted periodically.

18. (Currently Amended) An OFDM-CDMA receiving apparatus that receives and demodulates a signal transmitted from the OFDM-CDMA transmitting apparatus according to claim 17, and updates a ~~performs~~ channel estimation result ~~updating~~ using the periodically inserted specific symbols whose spreading ratio has been increased.

Claim 19 (Cancelled).

20. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 1, wherein the orthogonal frequency division multiplexing section distributes chips of the specific symbols whose spreading ratio has been increased only in a time domain.

21. (Currently Amended) An OFDM-CDMA transmitting method comprising steps of:

spreading specific transmit symbols using a first spreading ratio;

spreading other transmit symbols than the specific transmit symbols using a second spreading ratio smaller than the first spreading ratio;

selecting a number of multiplexing for the specific transmit symbols and a number of multiplexing for the other transmit symbols;

multiplexing a spread signal of the specific transmit symbols by the selected number of multiplexing ~~spread by the first spreading section~~ and a spread signal of the other transmit symbols ~~by spread by the second spreading section using the selected numbers~~ number of multiplexing; and

adjusting a frequency band to which the multiplexed spread signals are transmitted, by distributing the multiplexed spread signals to among a plurality of subcarriers and varying a subcarrier group to which the spread signals of the multiplexed specific transmit symbols are distributed in accordance with the first spreading ratio upon distribution.

Claim 22 (Cancelled).

23. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 1, wherein the first spreading section and the second spreading section increase a number of spreading codes assigned to a retransmission signal in accordance with an increase of a number of retransmissions and perform multicode multiplexing of a retransmission signal.

24. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 23, wherein the first spreading section and the second spreading section vary the number of spreading codes assigned to the retransmission signal in accordance with a number of other code division multiplexed signals multiplexed in the retransmission signal after multicode multiplexing.

25. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 23, further comprising a transmission power control section that increases transmission power of the multicode-multiplexed retransmission signal in accordance with the increase of the number of retransmissions.

26. (Previously Presented) The OFDM-CDMA transmitting apparatus according to claim 25, wherein the transmission power control section varies the transmission power in accordance with a number of other code division multiplexed signals multiplexed in the retransmission signal after multicode multiplexing.

27. (Previously Presented) The OFDM-CDMA transmitting method according to claim 21, wherein when the specific transmit symbols are retransmission signals, the retransmission signals are spread by a number of spreading codes in accordance with a number of retransmissions.

28. (New) An OFDM-CDMA transmitting apparatus comprising:  
a first spreading section that spreads specific transmit symbols using a first spreading ratio;  
a second spreading section that spreads other transmit symbols than the specific transmit symbols using a second spreading ratio smaller than the first spreading ratio;  
a number of multiplexing selection sections that select a number of multiplexing for the specific transmit symbols and a number of multiplexing for the other transmit symbols;  
a multiplexing section that multiplexes a spread signal of the specific transmit symbols spread by the first spreading



section by the selected number of multiplexing and a spread signal of said other transmit symbols spread by the second spreading section by the selected number of multiplexing; and

an orthogonal frequency division multiplexing section that adjusts a frequency band to which the multiplexed spread signals are transmitted, by distributing the multiplexed spread signals to a plurality of subcarriers and distributing the spreading signals of the multiplexed specific transmit symbols to a frequency domain and time domain in accordance with the first spreading ratio upon distribution.

29. (New) An OFDM-CDMA transmitting method comprising steps of:

spreading specific transmit symbols using a first spreading ratio;

spreading other transmit symbols than the specific transmit symbols using a second spreading ratio smaller than the first spreading ratio;

selecting a number of multiplexing for the specific transmit symbols and a number of multiplexing for the other transmit symbols;

multiplexing a spread signal of the spread specific transmit symbols by the selected number of multiplexing and a spread

signal of the other spread transmit symbols by the selected number of multiplexing; and

adjusting a frequency band to which the multiplexed spread signals are transmitted, by distributing the multiplexed spread signals to a plurality of subcarriers and distributing the spreading signals of the multiplexed specific transmit symbols to a frequency domain and time domain in accordance with the first spreading ratio upon distribution.